

Appl. No.: 09/918,394
Amdt. dated May 3, 2006
Reply to Office action of November 3, 2005

Amendments to the Claims:

1. (Cancelled)
2. (Previously presented) The apparatus of Claim 22 wherein the radio communication system provides for SMS (Short Message Service) message communication, wherein the network part includes a data message service center comprising an SMS service center, and wherein said download-parameter request signal generator is positioned at the SMS service center.
3. (Original) The apparatus of Claim 2 wherein the data-message request generated by said download-parameter request signal generator comprises an SMS message for communication to the mobile station.
4. (Previously presented) The apparatus of Claim 22 wherein the radio communication system comprises a mobile station, said apparatus, further comprising:
a data message request detector embodied at the mobile station and adapted to receive indications of the data message request generated by said download-parameter request signal generator, said data message request detector for detecting the data message request requesting the initiating of the downloading.
- 5-6. (Cancelled)
7. (Previously presented) The node-device apparatus of Claim 23 further comprising an operational parameter value provider coupled to said data call connector, said operational parameter value provider for providing the value of the at least the first operational parameter to the mobile station subsequent to completion of the data call between the network node and the mobile station.
8. (Previously presented) The apparatus of Claim 7 wherein said data call initiator further comprises a data call status reporter operable at least responsive to successful downloading of the value of the at least the first mobile-station operational parameter provided to

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the mobile station by said operational parameter value provider to report the successful downloading of the first mobile-station operational parameter to the mobile station.

9. (Previously presented) The apparatus of Claim 8 wherein said data call status reporter further determines whether the downloading of the first mobile station operational parameter to the mobile station is successful.

10. (Original) The apparatus of Claim 9 wherein said data call connector further terminates the data call connection subsequent to the report made by said data call status reporter.

11. (Previously presented) The node-device apparatus of Claim 10 wherein said data call connector further authenticates the mobile station prior to completion of the data call between the node-device and the mobile station.

12-13. (Cancelled)

14. (Previously presented) The method of Claim 25 wherein the radio communication system provides for SMS (Short Message Service)message communication; wherein the network part comprises a data message service center formed of an SMS service center, and wherein the data-message request generated during said operation of generating the data-message request comprises an SMS message.

15. (Previously presented) The method of Claim 24 further comprising the operation of:

detecting the data-message request, once received at a mobile station.

16-18. (Cancelled)

19. (Previously presented) The method of Claim 15 further comprising the operation of determining whether the downloading of the first mobile-station operational parameter to the mobile station is successful.

20. (Previously presented) The method of Claim 19 further comprising the operation of terminating the data call connection subsequent to determination made during said operation of determining of successful downloading of the first mobile-station operational parameter to the mobile station.

21. (Currently amended) Apparatus for a network node of a radio communication system having a network part to which the network node is coupled, mobile-station operational parameters available for downloading stored at the network node, said apparatus for facilitating downloading of [[a]] at least a first mobile-station operational parameter, said apparatus comprising:

a network-positioned download parameter initiation signal generator that generates an initiation signal that initiates a request for downloading of the first mobile-station operational parameter; and

a network-positioned data call connector operable responsive to acceptance of the request initiated by the initiation signal generated by said network-positioned download parameter initiation signal generator, said network-positioned data call connector for establishing a direct data call connection directly with the mobile station network node, the direct data call connection, once formed, for downloading the at least the first mobile-station operational parameter, the first mobile-station operational parameter used pursuant to subsequent communications.

22. (Previously presented) The apparatus of Claim 21 further comprising a download-parameter request signal generator to which the initiation signal is delivered, said download-parameter request generator for generating a data-message request that forms the request for downloading.

23. (Previously presented) The apparatus of Claim 4 further comprising a data call initiator embodied at the mobile station and operable responsive to detection of acceptance by the mobile station of the data-request message, said data call initiator for initiating a data connection with the network node to download the first mobile-station operational parameter.

24. (Currently amended) A method for facilitating downloading of at least a first mobile-station operational parameter in a radio communication system having a network part including a network node, said method comprising the operations of:

generating providing an initiation signal generator that initiates a request for downloading of the first mobile-station operational parameter;

establishing a direct data call connection directly between the mobile station and with the network part node; and

downloading the at least the first mobile-station operational parameter via the direct call connection, the first mobile-station operational parameter used pursuant to subsequent communications.

25. (Previously presented) The method of Claim 24 further comprising the operation of generating a data-message request that forms the request for downloading, the data-message request generated responsive to the initiation signal.

26. (New) Apparatus for facilitating downloading of at least a first mobile-station operational parameter in a radio communication system, said apparatus comprising:

a network part comprising:

a download parameter initiation signal generator for generating an initiation signal that initiates a request for downloading of the first mobile-station operational parameter; and

a data call connector responsive to acceptance of the request initiated by the initiation signal generated by said download parameter initiation signal generator, said data call connector for establishing a direct data call connection in order to download the at least the first mobile-station operational parameter to the mobile-station for use by the mobile-station during subsequent communications; and

a network node comprising a download-parameter request signal generator for receiving the initiation signal, said download-parameter request signal generator for transmitting

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a data-message request to the mobile-station to notify the mobile-station that at least the first mobile-station operational parameter is available upon request for downloading.

27. (New) Apparatus according to Claim 26 wherein said download-parameter request signal generator is configured to transmit the data-message request as a Short Message Service (SMS) message to the mobile-station.

28. (New) A method for facilitating downloading of at least a first mobile-station operational parameter in a radio communication system having a network part including a network node, said method comprising the operations of:

transmitting an initiation signal from a network part to a network node to initiate a request for downloading of the first mobile-station operational parameter to a mobile-station;

transmitting a data-message request from the network node to the mobile-station to notify the mobile-station that at least the first mobile-station operational parameter is available upon request for downloading;

establishing a direct data call connection directly between the network part and the mobile-station in response to the request for downloading; and

downloading the at least the first mobile-station operational parameter for use by the mobile-station during subsequent communications.

29. (New) A method according to Claim 28 wherein transmitting the data-message request comprises transmitting the data-message request or a Short Message Service (SMS) message.